

Notice of Allowability

Application No.

10/088,096

Applicant(s)

THOMPSON ET AL.

Examiner

Connie C. Yoha

Art Unit

2818

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 8/20/03.
2. ☒ The allowed claim(s) is/are 1,3-6 and 8-11.
3. ☒ The drawings filed on 02 July 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ | 6 <input type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

Connie C. Yoha
Technology 2800

DETAILED ACTION

Response to Arguments

1. Examiner took notice of the remarks and amendments made by applicant filed on 8/20/03.

Response to Amendment

2. This office action is in response to Amendment filed on 8/20/03.

Claim 1 and 3 are amended.

Claims 2 and 7 are canceled.
3. Claims 1, 3-6, 8-11 is pending.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Jonathan Scherer on 9/15/03.

5. The application has been amended as follows:

Insert the following texts as the first paragraph of the specification:

--This application use the PCT/NO01/00347 of which filed on 08/24/2001.---

- A. With regard to claim 10, line 13, remove the texts [sate], replace it with ---state---.

- B. With regard to claim 11, line 7, inserts the following texts after the word response ---as an integration of charge as a function of time in consecutive timing intervals---.
- C. With regard to claim 11, line 8, remove the text [consecutive], and replace It with ---consecutively---.
- D. With regard to claim 11, line 8, inserts the following texts after the word values ---of the current response---.

Allowable Subject Matter

- 6. Claims 1, 3-6, 8-11 is allowed.
- 7. Claims 1, 3-6, 8-11 are considered allowable since prior art made of record and considered pertinent to the applicant's disclosure does not teach or suggest the claimed limitations having a sensing device and method for reading and performs an integration of two read values stored in a passive matrix memory having memory cells in the form of ferroelectric capacitors, where by the sensing device comprise of an integrator circuit for sensing the current response as an integration of charge as a function of time in consecutive timing intervals and means for storing and comparing two consecutively read values of the current response. The prior art also does not disclose a sensing device having an integrator circuit and means for storing and comparing two consecutive read values, where the means for two consecutive reads comprising a first and second sample/hold circuit for sampling/holding a first and second read value and a

correction circuit being connected between the second sample/hold circuit and the output of the integrator circuit.


Conclusion

8. Any inquiry concerning this communication should be directed to Connie Yoha whose telephone number is (703) 306-5731. The examiner can normally be reached on Monday-Thursday from 8:00 A.M. to 5:30 PM.

9. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms, can be reached on (703) 308-4910. The fax phone number for this Group is (703) 872-9306. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-0956.


C. Yoha

September, 2003


Connie C. Yoha

Patent Examiner

Technology 2800